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OXC 2862
Copy 5 of 7

29 December 1961

MEMORANDUM FOR THE RECORD

SUBJECT: Navigation Aids - [redacted] 25X1A

25X1A

25X1A

1. Several discussions were held with [redacted] concerning various pieces of equipment proposed for installation at [redacted] and vicinity. The status of each piece of equipment at this time is listed below: 25X1A

25X1A

a. VOR:

25X1A

[redacted] recommended a TVOR for the [redacted] The relative capabilities of TVOR versus VOR were discussed and the basic difference in the two pieces of equipment is power output. However, both will satisfy the requirement established as a terminal fix and a let-down fix for [redacted] It was established that this fix must have the capability of being read by the pilot in the cockpit at a range of 160 NM at 70,000 feet. With this stipulation it was agreed that a portable TVOR should be used for initial engineering, sighting, and flight check and that if it proved unsatisfactory another VOR would be installed either as a standard FAA variety or Dopler variety. 25X1A

25X1A

b. TACAN:

[redacted] recommended the use of a TRN-6 portable TACAN on the basis that it is immediately available and would satisfy the requirement. The requirement was reaffirmed as a permanently installed GPN-9 TACAN with the agreement that the portable TACAN would be installed as an interim procedure. There is a vast difference between the two

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TACAN sets. The portable set is a single channel station and cannot be modified as a dual channel installation. The permanent GRN-9 installation is a dual channel TACAN. When TACAN is used as an approach as a terminal fix and a let down aid it is mandatory that a dual capability be available.

c. Low Frequency Beacon:

No problem are presently foreseen in relocating low frequency beacons as desired.

d. "Z" Marker:

"Z" Marker is available and will be installed in conjunction with the low frequency beacon.

e. Terminal Fix for Mercury:

VOR is not presently available, therefore, an interim installation of a low frequency beacon will be completed. The requirement for VOR at this site was reaffirmed. 25X1A

2. A meeting has been called for 4 and 5 January in [redacted] 25X1A to discuss in detail the equipment to finalize siting and establish agreements in principal on the [redacted] approach control. Representatives from [redacted] and Headquarters will attend. 25X1A

25X1A

[redacted]

Chief, Special Projects Branch, DPD

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